



Wednesday, May 16, 2012

Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Project ID: SATIN
Sample ID#s: BB80709 - BB80730

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:36
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80709

Project ID: SATIN

Client ID: N-85 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	61		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	120		%	05/10/12		M/K	30 - 150 %
% TCMX	95		%	05/10/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: N-85 6-7

Phoenix I.D.: BB80709

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:16
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80710

Project ID: SATIN

Client ID: N-86 0.4-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/04/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			05/07/12		*/*	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	0.56	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	81		%	05/10/12		M/K	30 - 150 %
% TCMX	76		%	05/10/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: N-86 0.4-1

Phoenix I.D.: BB80710

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12 15:18
05/03/12 13:52

Time

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80711

Project ID: SATIN

Client ID: N-86 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Extraction for PCB	Completed			05/07/12		BM/K	SW3540C

TPH by GC (Extractable Products)

Ext. Petroleum HC	1100	22	mg/Kg	05/10/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/10/12		JRB	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	104		%	05/10/12		JRB	50 - 150 %
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PCB (Soxhlet)

PCB-1016	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/09/12		KCA	3540C/8082

QA/QC Surrogates

% DCBP	108		%	05/09/12		KCA	30 - 150 %
% TCMX	122		%	05/09/12		KCA	30 - 150 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Anthracene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	0.97	0.25	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	1.3	0.25	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	2.1	0.25	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	0.46	0.25	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	0.67	0.25	mg/Kg	05/10/12		DD	SW 8270
Chrysene	1.1	0.25	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	1.4	0.25	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	0.44	0.25	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	0.25	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	0.72	0.25	mg/Kg	05/10/12		DD	SW 8270
Pyrene	1.3	0.25	mg/Kg	05/10/12		DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	77		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	80		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	81		%	05/10/12		DD	30 - 130 %

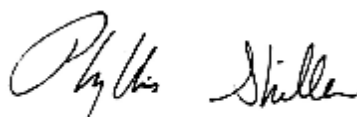
Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12 15:20
05/03/12 13:52

Time

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80712

Project ID: SATIN

Client ID: N-86 2-2.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	85		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		BS/F	3545
Extraction for PCB	Completed			05/07/12		BM/K	SW3540C

TPH by GC (Extractable Products)

Ext. Petroleum HC	1400	23	mg/Kg	05/11/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/11/12		JRB	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	104		%	05/11/12		JRB	50 - 150 %
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PCB (Soxhlet)

PCB-1016	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1221	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1232	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1242	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1248	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1254	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1260	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1262	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082
PCB-1268	ND	0.39	mg/Kg	05/09/12		KCA	3540C/8082

QA/QC Surrogates

% DCBP	101		%	05/09/12		KCA	30 - 150 %
% TCMX	116		%	05/09/12		KCA	30 - 150 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Anthracene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Chrysene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
Pyrene	ND	0.54	mg/Kg	05/10/12		DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	62		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	80		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	61		%	05/10/12		DD	30 - 130 %

Comments:

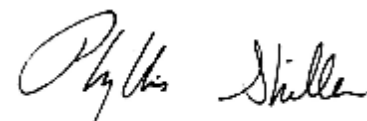
* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C18 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:22
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80713

Project ID: SATIN
Client ID: N-86 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	95		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	98		%	05/10/12		M/K	30 - 150 %
% TCMX	86		%	05/10/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: N-86 5-6

Phoenix I.D.: BB80713

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Analysis Report

May 16, 2012

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Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:24
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80714

Project ID: SATIN

Client ID: N-86 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	63		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.52	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	95		%	05/10/12		M/K	30 - 150 %
% TCMX	80		%	05/10/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: N-86 6-7

Phoenix I.D.: BB80714

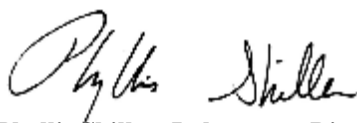
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

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Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12 14:56
05/03/12 13:52

Time

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80715

Project ID: SATIN

Client ID: N-87 0.4-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.35	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	105		%	05/10/12		M/K	30 - 150 %
% TCMX	90		%	05/10/12		M/K	30 - 150 %

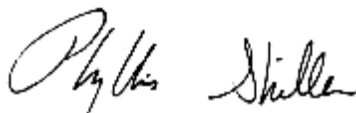
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:58
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80716

Project ID: SATIN
Client ID: N-87 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1221	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1232	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1242	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1248	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1254	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1260	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1262	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
PCB-1268	ND	0.34	mg/Kg	05/10/12		M/K	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	107		%	05/10/12		M/K	30 - 150 %
% TCMX	90		%	05/10/12		M/K	30 - 150 %

Project ID: SATIN
Client ID: N-87 1-2

Phoenix I.D.: BB80716

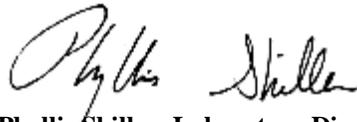
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:00
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80717

Project ID: SATIN
Client ID: N-87 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.36	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	87		%	05/09/12		MH	30 - 150 %
% TCMX	83		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-87 5-6

Phoenix I.D.: BB80717

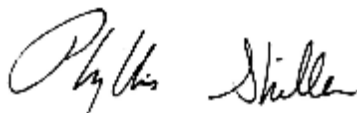
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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May 16, 2012

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 15:02
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80718

Project ID: SATIN
Client ID: N-87 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	66		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	77		%	05/09/12		MH	30 - 150 %
% TCMX	79		%	05/09/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12

Time

15:04

05/03/12

13:52

Laboratory Data

SDG ID: GBB80709

Phoenix ID: BB80719

Project ID: SATIN

Client ID: N-87 7-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	73		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.45	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	84		%	05/09/12		MH	30 - 150 %
% TCMX	82		%	05/09/12		MH	30 - 150 %

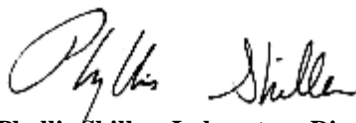
Parameter	Result	RL	Units	Date	Time	By	Reference
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May 16, 2012

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:44
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80720

Project ID: SATIN

Client ID: N-88 0.3-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	1.8	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	96		%	05/09/12		MH	30 - 150 %
% TCMX	100		%	05/09/12		MH	30 - 150 %

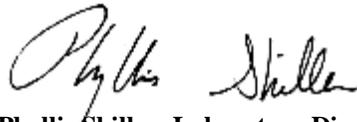
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:46
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80721

Project ID: SATIN
Client ID: N-88 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	3.5	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Interference		%	05/09/12		MH	30 - 150 %
% TCMX	99		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-88 1-2

Phoenix I.D.: BB80721

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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May 16, 2012

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:48
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80722

Project ID: SATIN

Client ID: N-88 2-2.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	0.89	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.37	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Interference		%	05/09/12		MH	30 - 150 %
% TCMX	92		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-88 2-2.5

Phoenix I.D.: BB80722

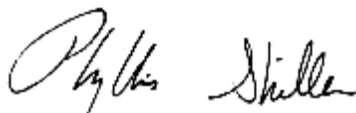
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:50
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80723

Project ID: SATIN
Client ID: N-88 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	67		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.49	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	102		%	05/09/12		MH	30 - 150 %
% TCMX	78		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-88 5-6

Phoenix I.D.: BB80723

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:52
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80724

Project ID: SATIN

Client ID: N-88 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.38	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	84		%	05/09/12		MH	30 - 150 %
% TCMX	84		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-88 6-7

Phoenix I.D.: BB80724

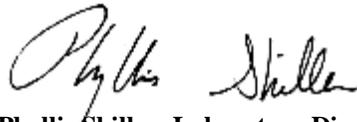
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:28
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80725

Project ID: SATIN

Client ID: N-89 0.3-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1221	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1232	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1242	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1248	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1254	9.4	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1260	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1262	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
PCB-1268	ND	1.8	mg/Kg	05/10/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	05/10/12		MH	30 - 150 %
% TCMX	Diluted Out		%	05/10/12		MH	30 - 150 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12

Time

14:30

05/03/12

13:52

Laboratory Data

SDG ID: GBB80709

Phoenix ID: BB80726

Project ID: SATIN

Client ID: N-89 1-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/11/12		BS/F	3545
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C

TPH by GC (Extractable Products)

Ext. Petroleum HC	120	12	mg/Kg	05/14/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/14/12		JRB	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	135		%	05/14/12		JRB	50 - 150 %
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PCB (Soxhlet)

PCB-1016	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.4	mg/Kg	05/09/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	97		%	05/09/12		MH	30 - 150 %
% TCMX	86		%	05/09/12		MH	30 - 150 %

Polynuclear Aromatic HC

2-Methylnaphthalene	0.56	0.28	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.28	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	ND	0.28	mg/Kg	05/10/12		DD	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Anthracene	ND	0.28	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	0.93	0.28	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	0.82	0.28	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	1.1	0.28	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	0.4	0.28	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	0.34	0.28	mg/Kg	05/10/12		DD	SW 8270
Chrysene	0.89	0.28	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.28	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	1.9	0.28	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	0.28	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	0.4	0.28	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	0.46	0.28	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	1	0.28	mg/Kg	05/10/12		DD	SW 8270
Pyrene	1.7	0.28	mg/Kg	05/10/12		DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	69		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	78		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	89		%	05/10/12		DD	30 - 130 %

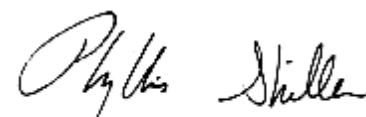
Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12 14:32
05/03/12 13:52

Time

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80727

Project ID: SATIN
Client ID: N-89 5-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	68		%	05/04/12		JL	E160.3
Soil Extraction SVOA BN	Completed			05/09/12		RB/F	SW3545
Extraction of CT ETPH	Completed			05/09/12		SS/F	3545
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C

TPH by GC (Extractable Products)

Ext. Petroleum HC	200	15	mg/Kg	05/10/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/10/12		JRB	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	99		%	05/10/12		JRB	50 - 150 %
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PCB (Soxhlet)

PCB-1016	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082

QA/QC Surrogates

% DCBP	42		%	05/09/12		MH	30 - 150 %
% TCMX	47		%	05/09/12		MH	30 - 150 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Acenaphthene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Acenaphthylene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Anthracene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Benz(a)anthracene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Benzo(a)pyrene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Benzo(b)fluoranthene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Benzo(ghi)perylene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Benzo(k)fluoranthene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Chrysene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Dibenz(a,h)anthracene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Fluoranthene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Fluorene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Naphthalene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Phenanthrene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
Pyrene	ND	0.34	mg/Kg	05/10/12		DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	56		%	05/10/12		DD	30 - 130 %
% Nitrobenzene-d5	69		%	05/10/12		DD	30 - 130 %
% Terphenyl-d14	91		%	05/10/12		DD	30 - 130 %

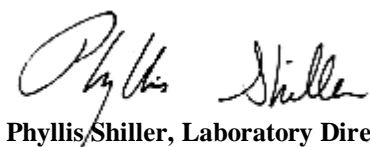
Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:34
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80728

Project ID: SATIN

Client ID: N-89 6-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	53		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.62	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	90		%	05/09/12		MH	30 - 150 %
% TCMX	92		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-89 6-7

Phoenix I.D.: BB80728

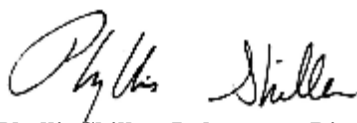
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

05/02/12 14:36
05/03/12 13:52

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80729

Project ID: SATIN

Client ID: N-89 7-7.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	69		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.48	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	94		%	05/09/12		MH	30 - 150 %
% TCMX	91		%	05/09/12		MH	30 - 150 %

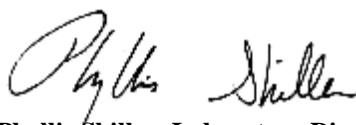
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 16, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOLID
Location Code: LBG-PCB
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

05/02/12 15:06
05/03/12 13:52

Time

Laboratory Data

SDG ID: GBB80709
Phoenix ID: BB80730

Project ID: SATIN

Client ID: N-87 8-8.5

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	56		%	05/04/12		JL	E160.3
Extraction for PCB	Completed			05/08/12		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1221	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1232	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1242	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1248	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1254	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1260	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1262	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
PCB-1268	ND	0.59	mg/Kg	05/09/12		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	89		%	05/09/12		MH	30 - 150 %
% TCMX	54		%	05/09/12		MH	30 - 150 %

Project ID: SATIN
Client ID: N-87 8-8.5

Phoenix I.D.: BB80730

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

May 16, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

May 16, 2012

QA/QC Data

SDG I.D.: GBB80709

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 200210, QC Sample No: BB80701 (BB80709, BB80710)									
<u>Polychlorinated Biphenyls - Solid</u>									
PCB-1016	ND	114	106	7.3	89	95	6.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	98	105	6.9	76	82	7.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	46	79	96	19.4	63	67	6.2	30 - 150	30
% TCMX (Surrogate Rec)	42	97	87	10.9	68	72	5.7	30 - 150	30

QA/QC Batch 200222, QC Sample No: BB80725 (BB80720, BB80721, BB80722, BB80723, BB80724, BB80725, BB80726, BB80727, BB80728, BB80729, BB80730)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	100	100	0.0				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	104	104	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	89	89	89	0.0				30 - 150	30
% TCMX (Surrogate Rec)	88	79	82	3.7				30 - 150	30

Comment:

* The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QA/QC Batch 200130, QC Sample No: BB82335 (BB80713, BB80714, BB80715, BB80716, BB80717, BB80718, BB80719)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	101	105	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	106	113	6.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	115	107	112	4.6				30 - 150	30

QA/QC Data

SDG I.D.: GBB80709

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX (Surrogate Rec)	87	75	77	2.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 200125, QC Sample No: BB82532 (BB80711, BB80712)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	101	91	10.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	112	103	8.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	NR	114	109	4.5				30 - 150	30
% TCMX (Surrogate Rec)	NR	74	71	4.1				30 - 150	30

Comment:

No MS/MSD reported with this batch of samples. There was no surrogate recovery in the blank. The LCS/LCSD and samples are fine, therefore no significant bias is suspected.

QA/QC Batch 200234, QC Sample No: BB83135 (BB80711, BB80712, BB80726)

TPH by GC (Extractable Products) - Solid

Ext. Petroleum HC	ND	101	105	3.9	107	153	35.4	50 - 150	30	m,r
% n-Pentacosane	102	108	113	4.5	125	174	32.8	50 - 150	30	m,r

QA/QC Batch 200239, QC Sample No: BB83320 (BB80711, BB80712, BB80726)

Polynuclear Aromatic HC - Solid

2-Methylnaphthalene	ND	83	83	0.0	91	78	15.4	30 - 130	30	
Acenaphthene	ND	81	81	0.0	84	79	6.1	30 - 130	30	
Acenaphthylene	ND	83	82	1.2	83	79	4.9	30 - 130	30	
Anthracene	ND	87	90	3.4	90	85	5.7	30 - 130	30	
Benz(a)anthracene	ND	88	88	0.0	90	85	5.7	30 - 130	30	
Benzo(a)pyrene	ND	80	80	0.0	82	77	6.3	30 - 130	30	
Benzo(b)fluoranthene	ND	96	90	6.5	99	86	14.1	30 - 130	30	
Benzo(ghi)perylene	ND	81	87	7.1	93	92	1.1	30 - 130	30	
Benzo(k)fluoranthene	ND	90	93	3.3	92	84	9.1	30 - 130	30	
Chrysene	ND	80	82	2.5	83	80	3.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	93	98	5.2	103	100	3.0	30 - 130	30	
Fluoranthene	ND	86	91	5.6	109	102	6.6	30 - 130	30	
Fluorene	ND	92	89	3.3	98	93	5.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	89	93	4.4	99	96	3.1	30 - 130	30	
Naphthalene	ND	86	86	0.0	90	75	18.2	30 - 130	30	
Phenanthrene	ND	87	88	1.1	91	87	4.5	30 - 130	30	
Pyrene	ND	90	94	4.3	120	112	6.9	30 - 130	30	
% 2-Fluorobiphenyl	71	76	75	1.3	70	69	1.4	30 - 130	30	
% Nitrobenzene-d5	77	84	86	2.4	83	77	7.5	30 - 130	30	
% Terphenyl-d14	93	110	116	5.3	139	130	6.7	30 - 130	30	m

QA/QC Batch 200355, QC Sample No: BB83794 (BB80727)

TPH by GC (Extractable Products) - Solid

Ext. Petroleum HC	ND	76	88	14.6	133	143	7.2	50 - 150	30	
% n-Pentacosane	119	92	97	5.3	142	153	7.5	50 - 150	30	m

QA/QC Data

SDG I.D.: GBB80709

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 200356, QC Sample No: BB84157 (BB80727)									
Polynuclear Aromatic HC - Solid									
2-Methylnaphthalene	ND	61	64	4.8	72	59	19.8	30 - 130	30
Acenaphthene	ND	65	67	3.0	75	76	1.3	30 - 130	30
Acenaphthylene	ND	63	65	3.1	72	73	1.4	30 - 130	30
Anthracene	ND	69	71	2.9	80	80	0.0	30 - 130	30
Benz(a)anthracene	ND	68	71	4.3	80	80	0.0	30 - 130	30
Benzo(a)pyrene	ND	65	67	3.0	76	76	0.0	30 - 130	30
Benzo(b)fluoranthene	ND	71	71	0.0	85	82	3.6	30 - 130	30
Benzo(ghi)perylene	ND	60	64	6.5	72	75	4.1	30 - 130	30
Benzo(k)fluoranthene	ND	77	78	1.3	86	89	3.4	30 - 130	30
Chrysene	ND	63	64	1.6	73	74	1.4	30 - 130	30
Dibenz(a,h)anthracene	ND	65	70	7.4	79	82	3.7	30 - 130	30
Fluoranthene	ND	73	69	5.6	86	80	7.2	30 - 130	30
Fluorene	ND	66	68	3.0	77	78	1.3	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	60	64	6.5	72	75	4.1	30 - 130	30
Naphthalene	ND	61	64	4.8	72	72	0.0	30 - 130	30
Phenanthrene	ND	69	71	2.9	80	80	0.0	30 - 130	30
Pyrene	ND	78	72	8.0	91	85	6.8	30 - 130	30
% 2-Fluorobiphenyl	64	61	62	1.6	70	70	0.0	30 - 130	30
% Nitrobenzene-d5	76	68	70	2.9	79	78	1.3	30 - 130	30
% Terphenyl-d14	84	97	85	13.2	111	104	6.5	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

m = This parameter is outside laboratory ms/msd specified recovery limits.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

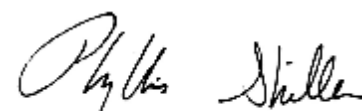
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

May 16, 2012

Sample Criteria Exceedences Report

Requested Criteria: GAM, RC

GBB80709

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
BB80711	LBG-PCB	\$8100SMR	Chrysene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	250	1000	1000	ug/Kg
BB80711	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	2100	250	1000	1000	ug/Kg
BB80711	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	2100	250	1000	1000	ug/Kg
BB80711	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1300	250	1000	1000	ug/Kg
BB80711	LBG-PCB	\$8100SMR	Benzo(a)pyrene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1300	250	1000	1000	ug/Kg
BB80711	LBG-PCB	\$ETPH_SM	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	1100	22	500	500	mg/Kg
BB80711	LBG-PCB	\$ETPH_SM	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1100	22	500	500	mg/Kg
BB80712	LBG-PCB	\$ETPH_SM	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	1400	23	500	500	mg/Kg
BB80712	LBG-PCB	\$ETPH_SM	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1400	23	500	500	mg/Kg
BB80720	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1800	370	1000	1000	ug/Kg
BB80721	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	3500	370	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1016	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1221	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1232	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1242	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1248	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1254	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	9400	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1260	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1262	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80725	LBG-PCB	\$PCB_SOXR	PCB-1268	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	ND	1800	1000	1000	ug/Kg
BB80726	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	GA/GAA PMC (mg/kg)	1100	280	1000	1000	ug/Kg
BB80726	LBG-PCB	\$8100SMR	Benzo(b)fluoranthene	mg/kg	CT	Semivolatile Organic Comp	RES DEC (mg/kg)	1100	280	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** LBG-PCB

Project Location: SATIN **Project Number:**

Laboratory Sample ID(s): BB80709, BB80710, BB80711, BB80712, BB80713, BB80714, BB80715, BB80716, BB80717, BB80718, BB80719, BB80720, BB80721, BB80722, BB80723, BB80724, BB80725, BB80726, BB80727, BB80728, BB80729, BB80730

Sampling Date(s): 5/2/2012

RCP Methods Used:

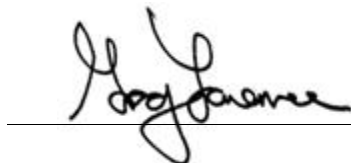
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☒ 8270 ☒ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Wednesday, May 16, 2012
Printed Name: Greg Lawrence
Position: Assistant Lab Director



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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RCP Certification Report

May 16, 2012

SDG ID.: GBB80709

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 05/14/12-3 (BB80726)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko
Position: Chemist
Date: 5/14/2012

Instrument: Au-fid84 05/10/12-2 (BB80727)

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

Printed Name Jeff Bucko
Position: Chemist
Date: 5/10/2012

Instrument: Au-xl1 05/10/12-2 (BB80711)

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko
Position: Chemist
Date: 5/10/2012

Instrument: Au-xl1 05/11/12-2 (BB80712)

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.



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SDG I.D.: GBB80709

The daily continuing calibration standard was within method criteria of $\pm 30\%$ RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: C36

Printed Name Jeff Bucko
Position: Chemist
Date: 5/11/2012

QC (Batch Specific)

----- Sample No: BB83135, QA/QC Batch: 200234 -----

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BB83794, QA/QC Batch: 200355 -----

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PAH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem06 05/09/12-1 (BB80712, BB80726, BB80727)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/BN_0501):

Greater than 90% of the target compounds met calibration criteria with a RSD $< 20\%$ or > 0.99 correlation coefficient. The following compounds had RSDs $> 20\%$ and < 0.99 correlation coefficient: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D < 20 . The following compounds had $> 20\%$ difference from the initial calibration: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 5/9/2012



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RCP Certification Report

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SDG I.D.: GBB80709

Instrument: Chem06 05/10/12-1 (BB80712)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/BN_0501):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: None.

Printed Name Damien Drobinski
Position: Chemist
Date: 5/10/2012

QC (Batch Specific)

----- Sample No: BB83320, QA/QC Batch: 200239 -----

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd35 05/09/12-1 (BB80709, BB80710, BB80713, BB80714, BB80715, BB80716)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Keith Aloisa
Position: Chemist
Date: 5/9/2012

Instrument: Au-ecd4 05/09/12-1 (BB80717, BB80718, BB80719, BB80720, BB80721, BB80722, BB80723, BB80724, BB80726, BB80727, BB80728, BB80729, BB80730)

8082 Narration:



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RCP Certification Report

May 16, 2012

SDG ID.: GBB80709

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/9/2012

Instrument: Au-ecd7 05/10/12-1 (BB80725)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn
Position: Chemist
Date: 5/10/2012

QC Comments: QC Batch 00125 05/07/12 (BB80711, BB80712)

No MS/MSD reported with this batch of samples. There was no surrogate recovery in the blank. The LCS/LCSD and samples are fine, therefore no significant bias is suspected.

QC Comments: QC Batch 00130 05/07/12 (BB80713, BB80714, BB80715, BB80716, BB80717, BB80718, BB80719)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 00222 05/08/12 (BB80720, BB80721, BB80722, BB80723, BB80724, BB80725, BB80726, BB80727, BB80728, BB80729, BB80730)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.



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RCP Certification Report

May 16, 2012

SDG ID.: GBB80709

QC (Site Specific)

----- Sample No: BB80725, QA/QC Batch: 200222 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

----- Sample No: BB80701, QA/QC Batch: 200210 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BB82335, QA/QC Batch: 200130 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BB82532, QA/QC Batch: 200125 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem09 05/09/12-1 (BB80711)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem09/sv_0427):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: 4-chloroaniline, Hexachlorocyclopentadiene, 2,4-dinitrophenol

The following compounds failed to meet the minimum required response factor: Hexachlorobenzene



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RCP Certification Report

May 16, 2012

SDG ID.: GBB80709

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: Benzaldehyde, Hexachlorocyclopentadiene, Pentachlorophenol

Printed Name Damien Drobinski
Position: Chemist
Date: 5/9/2012

QC (Batch Specific)

----- Sample No: BB84157, QA/QC Batch: 200356 -----

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp 6 Pg 7 of 8

Data Delivery:

☐ Fax #:
☒ Email: DJONES@LBGCT.COM

Customer: LBG, Inc Project P.O.:
Address: Satin Report to: Darrick Jones Phone #:
Invoice to: Darrick Jones Fax #:

Client Sample - Information - Identification				Analysis Request
Sampler's Signature	Date			
Matrix Code: DW=drinking water WW=wastewater S=soil/solid O=other GW=groundwater SL=sludge A=air				
Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
80709	N-85 (6-7)•	S	5-2-12	1536
80710	N-86 (0-4)•			1516
80711	N-86 (1-2)•			1518
80712	N-86 (2-2.5)•			1520
80713	N-86 (5-6)•			1522
80714	N-86 (6-7)•			1524
80715	N-87 (0-4-1)•			1456
80716	N-87 (1-2)•			1458
80717	N-87 (5-6)•			1500
80718	N-87 (6-7)•			1502
80719	N-87 (7-8)•			1504
80720	N-88 (0-3-1)•			1444
Relinquished by: <u>[Signature]</u>		Accepted by: <u>[Signature]</u>	Date: <u>5-3-2012</u>	Time: <u>12:00</u>
		<u>[Signature]</u>	<u>5/3/12</u>	<u>1352</u>
Comments, Special Requirements or Regulations: <u>Please Hold remaining samples for potential add'l analyses</u>				

Turnaround:	CT/RI	MA	Data Format
<input type="checkbox"/> 1 Day* <input type="checkbox"/> 2 Days* <input type="checkbox"/> 3 Days* <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Other	<input checked="" type="checkbox"/> RCP Cert. <input type="checkbox"/> GW Protect. <input checked="" type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> SW Protect. <input type="checkbox"/> Res. Vol. <input type="checkbox"/> Ind. Vol. <input checked="" type="checkbox"/> Res. Criteria <input type="checkbox"/> Other	<input type="checkbox"/> MCP Cert. <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Excel <input checked="" type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other

* SURCHARGE APPLIES

Data Package:
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Temp 6 Pg 8 of 8

Data Delivery:

☐ Fax #:
☒ Email: DJONES@LBECT.COM

Customer: LBG, Inc

Address:

Project: Satin

Project P.O.:

Report to: Darick Jones

Phone #:

Invoice to: Darick Jones

Fax #:

Client Sample - Information - Identification

Samplers
Signature

Date

Matrix Code:

DW=drinking water
GW=groundwater

WW=wastewater S=soil/solid O=other
SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
80721	N-88 (1-2)	S	5/2/12	1446
80722	N-88 (2-2.5)			1448
80723	N-88 (5-6)			1450
80724	N-88 (6-7)			1452
80725	N-89 (0.3-1)			1428
80726	N-89 (1-2)			1430
80727	N-89 (5-6)			1432
80728	N-89 (6-7)			1434
80729	N-89 (7-7.5)			1436
80730	N-87 (8-8.5)			1506

Analysis Request
Pcb Soxhlet extraction

Relinquished by:

Accepted by:

Time:

Date:

5-3-2012 12:20

John B. Smith

John B. Smith

Paradise

5/3/12 1352

Comments, Special Requirements or Regulations:

* Please Hold remaining sample for potential add'l analyses *

Data Format

☒ Excel
☒ PDF
☐ GIS/Key
☐ EQUIS
☐ Other

Data Package

☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

MA

☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

CT/RI

☒ RCP Cert.
☒ GW Protect.
☒ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☒ Res. Criteria
☐ Other

Turnaround:

☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* SURCHARGE APPLIES

State where samples were collected: CT

Bobbi - Phoenixlabs

From: Darrick Jones [djones@lbgct.com]
Sent: Wednesday, May 09, 2012 10:39 AM
To: clientservices@phoenixlabs.com
Cc: Bobbi - Phoenixlabs
Subject: RE: Phoenix Labs - GBB80709, SATIN - COC Acknowledgement

Please Add PAHs and ETPH as follows:

N-86 (1-2) - 80711
 N-86 (2-2.5) - 80712
 N-89 (1-2) - 80726
 N-89 (5-6) 80727

From: clientservices@phoenixlabs.com [mailto:clientservices@phoenixlabs.com]
Sent: Friday, May 04, 2012 3:58 PM
To: Darrick Jones
Subject: Phoenix Labs - GBB80709, SATIN - COC Acknowledgement

Darrick,

Delivery group GBB80709 (SATIN) has been logged in for the following samples:

Phoenix Id	Client Id
BB80709	N-85 6-7
BB80710	N-86 0.4-1
BB80711	N-86 1-2
BB80712	N-86 2-2.5
BB80713	N-86 5-6
BB80714	N-86 6-7
BB80715	N-87 0.4-1
BB80716	N-87 1-2
BB80717	N-87 5-6
BB80718	N-87 6-7
BB80719	N-87 7-8
BB80720	N-88 0.3-1
BB80721	N-88 1-2
BB80722	N-88 2-2.5
BB80723	N-88 5-6
BB80724	N-88 6-7

5/9/2012